

Express Mail Receipt No. EU374494712US  
Deposited on May 14, 2002

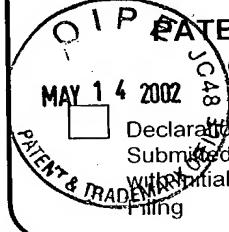
10/01/2002 10:35:14 AM

PTO/SB/01 (10-01)

Approved for use through 10/31/2002 OMB 0651-0032

U S Patent and Trademark Office, U S DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>		<b>Attorney Docket Number</b>	P1608US01
 Declaration Submitted without Initial Filing		<b>First Named Inventor</b>	Coker, Kenny T.
<b>COMPLETE IF KNOWN</b>			
		<b>Application Number</b>	10 / 080,813
		<b>Filing Date</b>	February 22, 2002
		<b>Art Unit</b>	2185
		<b>Examiner Name</b>	Unknown

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

**DYNAMIC DATA ACCESS PATTERN DETECTION IN A BLOCK DATA STORAGE DEVICE**

*(Title of the Invention)*

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY)

02/22/2002

as United States Application Number or PCT International

Application Number

10/080,813

and was amended on (MM/DD/YYYY)

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above

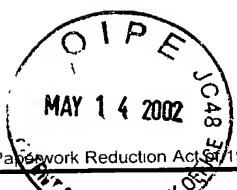
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U S C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/> Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto				

[Page 1 of 2]

Burden Hour Statement This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U S Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



## DECLARATION — Utility or Design Patent Application

Direct all correspondence to:  Customer Number \_\_\_\_\_ OR  Correspondence address below

Name Randall K. McCarthy, Crowe & Dunlevy

1800 Mid-America Tower  
Address 20 North Broadway

City Oklahoma City State OK ZIP 73102

Country US Telephone 405-235-7700 Fax 405-239-6651

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U S C 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:  A petition has been filed for this unsigned inventor

Given Name Family Name  
(first and middle [if any]) Kenny T. or Surname Coker

Inventor's Signature *Kenny T. Coker* Date 4/05/2002

Residence: City Mustang State OK Country US Citizenship US

Mailing Address 1104 E North Lakeview Lane

City Mustang State OK ZIP 73064 Country US

NAME OF SECOND INVENTOR:  A petition has been filed for this unsigned inventor

Given Name Family Name  
(first and middle [if any]) Edwin S. or Surname Olds

Inventor's Signature *Edwin S. Olds* Date 4/31/02

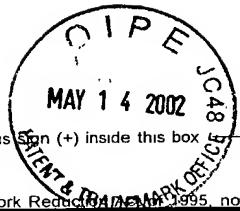
Residence: City Norman State OK Country US Citizenship US

5100 Ladbroke Street

Mailing Address

City Norman State OK ZIP 73072 Country US

Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto



Please type a plus sign (+) inside this box

+

PTO/SB/02A (11-00)

PTO/SB/02A (11-00)

Approved for use through 10/31/2002 OMB 0651-0032

Approved for use through 10/31/2002 OMB 0651-0032

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## DECLARATION

**ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
**Page 1 of 1**

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Jack A.		Mobley	
<b>Inventor's Signature</b>	<i>Jack A. Mobley</i>		
Residence: City	Oklahoma City	State	OK
Country	US	Citizenship US	
<b>Mailing Address</b> 11301 Randwick Drive			
<b>Mailing Address</b>			
City	Oklahoma City	State	OK
ZIP	73162	Country	US
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
<b>Inventor's Signature</b>			
Residence: City		State	
Country		Citizenship	
<b>Mailing Address</b>			
<b>Mailing Address</b>			
City		State	
ZIP		Country	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
<b>Inventor's Signature</b>			
Residence: City		State	
Country		Citizenship	
<b>Mailing Address</b>			
<b>Mailing Address</b>			
City		State	
ZIP		Country	

Burden Hour Statement This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, DC 20231.

Express Mail Receipt No. EU374494712US  
Deposited on May 14, 2002



PATENT  
DKT. P1608US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):	Kenny T. Coker, et al.		
Serial No.:	10/080,813	Examiner:	Unknown
Filed:	February 22, 2002	Group Art Unit:	2185
Title:	DYNAMIC DATA ACCESS PATTERN DETECTION IN A BLOCK DATA STORAGE DEVICE		
Docket:	P1608US01 (STL-10676)		

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
(REVOCATION OF PRIOR POWERS)**

As assignee of record of the entire interest of the above identified application,

**REVOCATION OF PRIOR POWERS OF ATTORNEY**

all powers of attorney previously given are hereby revoked and

**NEW POWER OF ATTORNEY**

the following practitioners/patent agent are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith:

Members of the firm of Crowe & Dunlevy

Randall K. McCarthy, Registration No. 39,297  
Bill D. McCarthy, Registration No. 26,772  
Daniel P. Dooley, Registration No. 46,369  
Martin A. Weeks, Registration No. 37,753

In addition, the undersigned appoints

Shawn B. Dempster, Registration No. 34,321	Mitchell K. McCarthy, Registration No. 38,794
Derek J. Berger, Registration No. 45,401	Raghunath S. Minisandram, Registration No. 38,683
David K. Lucente, Registration No. 36,202	Paul T. Dietz, Registration No. 38,858
Kirk A. Cesari, Registration No. 47,479	Carol I. Bordas, Registration No. 37,284
Jennifer M. Buenzow, Registration No. 50,124	

and of Seagate Technology LLC as attorneys and/or patent agents with the full power to represent the Applicant in connection with this application.

**CHANGE OF ATTORNEY'S/AGENT'S ADDRESS IN APPLICATION**

Crowe & Dunlevy  
1800 Mid-America Tower  
20 North Broadway  
Oklahoma City, OK 73102-8273  
Telephone No.: (405) 235-7700  
Fax No.: (405) 239-6651

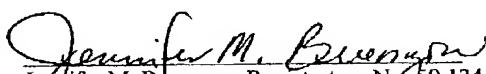
**STATEMENT UNDER 37 CFR 3.73(b)**

Seagate Technology LLC states that it is the Assignee of Entire Interest in the patent application/patent identified above by virtue of an Assignment from the inventor(s) of the patent application/patent identified above. A copy of the Assignment is attached and/or was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_. The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the Assignee.

Respectfully submitted,

SEAGATE TECHNOLOGY LLC  
(Assignee of Entire Interest)

12 April 2002  
Date



Jennifer M. Buenzow, Registration No. 50,124  
SEAGATE TECHNOLOGY LLC  
Intellectual Property Dept. - SHK2LG  
1280 Disc Drive  
Shakopee, MN 55379-1863  
(952) 402-3436 (telephone)  
(952) 402-2657 (facsimile)

**COPY**

Attorney Docket No P1608US01  
Seagate Docket No. STL-10676

WHEREAS, I/we, Kenny T. Coker of 1104 E North Lakeview Lane, Mustang, OK 73064, Edwin Scott Olds of 5100 Ladbroke Street, Norman, OK 73072 and Jack A. Mobley of 11301 Randwick Drive, Oklahoma City, OK 73162 are the inventor(s) of an invention entitled DYNAMIC DATA ACCESS PATTERN DETECTION IN A BLOCK DATA STORAGE DEVICE that is the subject matter of: (check all that apply)

- a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. 60/355,675 filed on February 5, 2002;
- an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. 10/080,813 filed February 22, 2002; and
- an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving Office by Application No. and filed on , and

WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under the laws of the State of Delaware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California, 95066 USA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

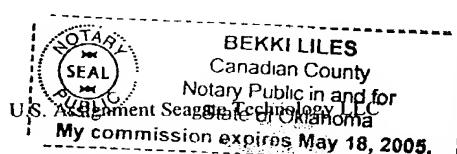
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I/we transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified applications, all provisional applications for which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and I/we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

I/We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I/We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.

I/We represent to the Assignee, its successors and assigns, that I/We have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I/We, my/our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding.

Kenny T. Cook  
Kenny T. Cook (Inventor)

Subscribed and sworn to before me at Oklahoma City, Oklahoma, a Notary Public, this 2 day of  
April, 2002.

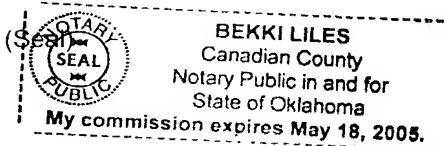


  
Bekki Liles  
Notary Public

*Edwin S. Olds*

Edwin S. Olds (Inventor)

Subscribed and sworn to before me at Oklahoma City, Oklahoma, a Notary Public, this 3 day of  
April, 2002.



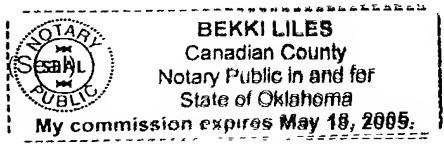
*Bekki Liles*

Notary Public

*Jack A. Mobley*

Jack A. Mobley (Inventor)

Subscribed and sworn to before me at Oklahoma City, Oklahoma, a Notary Public, this 3 day of  
April, 2002.



*Bekki Liles*

Notary Public